

PATENT
ATTORNEY DOCKET NO: 00246/197005

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled LACTACYSTIN ANALOGS, the specification of which

is attached hereto.
 was filed on October 10, 1997 as Application Serial No. 08/945,092
and was amended on _____
 was described and claimed in PCT International Application No. PCT/US96/05072 filed on April 12, 1996 and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

COUNTRY	APPLICATION NO.	FILING DATE	PRIORITY CLAIMED
U.S.	<u>08/421,583</u>	<u>April 12, 1995</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. SERIAL NO.	FILING DATE	STATUS
<u>PCT/US96/05072</u>	<u>April 12, 1996</u>	<input checked="" type="checkbox"/> Pending <input type="checkbox"/> Issued <input type="checkbox"/> Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Y. Rocky Tsao, Reg. No. 34,053; Harold H. Fox, Reg. No. 41,198; Frank R. Occhiuti, Reg. No. 35,306; and Eric L. Prahl, Reg. No. 32,590.

Address all telephone calls to Y. Rocky Tsao at telephone number 617/542-5070.

Address all correspondence to Y. Rocky Tsao, Esq., Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both,

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Stuart L. Schreiber

Inventor's Signature: 

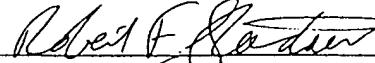
Date: December 1997

Residence Address: Boston, Massachusetts

Citizen of: U.S.A.

Post Office Address: 424 Marlborough Street, Boston, MA 02115

Full Name of Inventor: Robert F. Standaert

Inventor's Signature: 
BRYAN 

Date: 21 Dec 97

Residence Address: College Station, Texas

Citizen of: U.S.

1706 BEAVER POND CT, BRYAN, TX 77807 

Post Office Address: Apartment #901, 1000 University Drive East, College Station, Texas 77840

Full Name of Inventor: Gabriel Fenteany

Inventor's Signature: 
Gabriel Fenteany

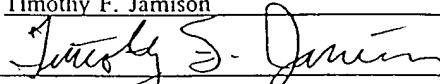
Date: 12/10/97

Residence Address: Cambridge, Massachusetts

Citizen of: U.S.

Post Office Address: 201 B Holden Green, Cambridge, MA 02138

Full Name of Inventor: Timothy F. Jamison

Inventor's Signature: 
Timothy F. Jamison

Date: 12/10/97

Residence Address: Cambridge, Massachusetts

Citizen of: U.S.

Post Office Address: Apartment #1, 64 Front Street, Cambridge, MA 02140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 102.603.203)

In re Application of: Stuart L. Schrieber et al.
Serial No.: 08/945,092
Filing Date: January 26, 1997
Title: LACTACYSTIN ANALOGS
Examiner: R. Travers
Art Unit: 1614

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

REVOCATION AND CREATION OF POWER OF ATTORNEY

Hon. Assistant Commissioner for Patents:

I, Joyce Brinton, hereby certify that I am authorized to act on behalf of President and Fellows of Harvard College, having a principal place of business located at the Office of Patents, Copyrights, & Licensing, Holyoke Center, Suite 727, 1350 Massachusetts Avenue, Cambridge MA 02138, in matters before the United States Patent and Trademark Office. I further certify that the Assignment documents for the above-identified patent application have been reviewed and that to the best knowledge and belief of the President and Fellows of Harvard College, title in such patent application is in the name of the President and Fellows of Harvard College. The Assignments to the President and Fellows of Harvard College for the above-identified patent application were recorded with the United States Patent and Trademark Office on July 17, 1995 at reel/frame 7618/0772 and at reel/frame 7618/0785 in the parent application, U.S.S.N. 08/421,583, to which this patent is a continuation-in-part of.

In the above-identified United States patent application, I hereby revoke all powers of attorney previously created. I hereby appoint the following attorneys to prosecute the above-identified application and transact all business in the Patent and Trademark Office connected therewith.

James B. Lampert	Reg. No. 24,564
Wayne M. Kennard	Reg. No. 30,271
Michael J. Bevilacqua	Reg. No. 31,091
Hollie L. Baker	Reg. No. 31,321
Henry N. Wixon	Reg. No. 32,073
Donald R. Steinberg	Reg. No. 37,241
Wayne A. Keown, Ph.D.	Reg. No. 33,923
Ann-Louise Kerner, Ph.D.	Reg. No. 33,523
Michael A. Diener	Reg. No. 31,122
Colleen Superko	Reg. No. 39,850
Simona A. Levi-Minzi, Ph.D.	Reg. No. P 43,750
Richard Goldenberg	Reg. No. 38,895
Gretchen A. Rice, Ph.D.	Reg. No. 37,429
Peter Dichiara	Reg. No. 38,005
Scott M. Alter	Reg. No. 32,879
Edward Grieff	Reg. No. 38,898
Jason A. Reyes	Reg. No. 41,513
Keum J. Park	Reg. No. 42,059
Janice M. Klunder, Ph.D.	Reg. No. 41,121
Rajesh Vallabh	Reg. No. 35,761
Nancy Chiu	Reg. No. P 43,545

the mailing address and telephone number of each of whom is HALE AND DORR LLP, 60 State Street, Boston, Massachusetts 02109, (617) 526-6000, with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith

All correspondence should be sent to the attention of:

Wayne A. Keown, Ph.D.
 Hale and Dorr LLP
 60 State Street
 Boston, MA 02109
 Telephone No.: (617) 526-6000
 Facsimile No.: (617) 526-5000

PRESIDENT AND FELLOWS OF HARVARD COLLEGE

By _____

Joyce Branton
 JOYCE BRANTON, DIRECTOR
 OFFICE OF TECHNOLOGY & TRADEMARK LICENSING
 HARVARD UNIVERSITY

Date: 3/17/99



00246/197081
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEBRUARY 13, 1996

FISH & RICHARDSON P.C.
ATTN: Y. ROCKY TSAO
225 FRANKLIN STREET
BOSTON, MA 02110-2804

PTAS
RECEIVED



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FEB 20 1996

FISH & RICHARDSON P.C.

3067 C.R. 114

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/17/1995

REEL/FRAME: 7618/0785

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
SCHREILBER, STUART

DOC DATE: 06/06/1995

ASSIGNEE:
PRESIDENT AND FELLOWS OF HARVARD COLLEGE
17 QUINCY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 08421583
PATENT NUMBER:

FILING DATE: 04/12/1995
ISSUE DATE:

JERYL McDOWELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

* No Docketing Required *	
Reviewed By Practice Systems	
Initials:	<i>Wb</i>
Reviewed By Billing Secretary	
Initials:	

ASSIGNMENT

For valuable consideration, I, Stuart Schreiber, of Boston, Massachusetts, and a duly authorized agent of HOWARD HUGHES MEDICAL INSTITUTE, a DELAWARE NOT-FOR-PROFIT corporation; hereby assign to PRESIDENT AND FELLOWS OF HARVARD COLLEGE, a CHARITABLE corporation having a place of business at 17 Quincy Street, Cambridge, Massachusetts 02139, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Serial No. 08/421,583, filed April 12, 1995, entitled

LACTACYSTIN ANALOGS

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,
this 6 day of June, 1995

Stuart Schreiber
First Middle Initial Last

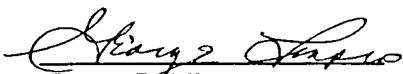
STATE OF Mass :

:SS.

COUNTY OF MIDDLESEX :

L.S.

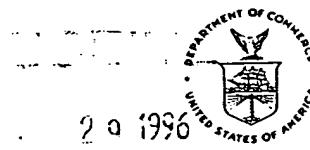
Before me this 6 day of June, 1995 personally appeared Stuart Schreiber known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Notary Public

My Commission Expires:

[Notary's Seal Here]

 My Commission Expires May 11, 2001



20 1996

JANUARY 23, 1996

PTAS

Y. ROCKY TSAO
FISH & RICHARDSON P.C.
225 FRANKLIN STREET
BOSTON, MASSACHUSETTS 02110-2804

00496197001
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/17/1995

REEL/FRAME: 7618/0772

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FENTEANY, GABRIEL

DOC DATE: 07/13/1995

ASSIGNOR:

JAMISON, TIMOTHY F.

DOC DATE: 07/13/1995

ASSIGNOR:

STANDAERT, ROBERT F.

DOC DATE: 07/12/1995

ASSIGNEE:

PRESIDENT AND FELLOWS OF HARVARD COLLEGE
17 QUINCY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 08421583

FILING DATE: 04/12/1995

PATENT NUMBER:

ISSUE DATE:

No Docketing Required	
Reviewed By Practice Syst <i>wsb</i>	
Initials: <i>wsb</i>	
Reviewed By Billing Secretary	
Initials: _____	

7618/0772 PAGE 2

DOROTHY RILEY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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Commissioner of Patents and Trademark

09-20-1995

Attorney Docket N.: 00246/197001

ET

40-531-611

document.

RD

1. Name of conveying party(ies):
Gabriel Fenteany, Tim thy F. Jamison, and
Robert F. Standaert

W-95 Additional name(s) attached? Yes No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

2. Name and address of receiving party(ies):
PRESIDENT AND FELLOWS OF HARVARD
COLLEGE
17 Quincy Street
Cambridge, Massachusetts 02139

Additional names/addresses attached? Yes No

Execution Date: June 12, 1995 and June 13, 1995

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):
08/421,583

B. Patent No.(s):

Additional numbers attached? Yes No5. Name/address of party to whom correspondence
concerning document should be mailed:

Y. Rocky Tsao
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- Enclosed
- Authorized to charge deposit account

8. Deposit account number: 06-1050

If the fee above is being charged to deposit
account, a duplicate copy of this cover sheet is
attached. Please apply any additional charges, or
any credits, to our Deposit Account No. 06-1050.

DO NOT USE THIS SPACE

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct
and the attached is the original document.*

Y. Rocky Tsao

Name of Person Signing

Y. Rocky Tsao

7-12-95

Date

Total number of pages including cover sheet, attachments, and document: 3

Date of Deposit July 12, 1995
I hereby certify under 37 CFR 1.8(a) that this correspondence
is being deposited with the United States Postal Service as
first class mail with sufficient postage on the date indicated
above and is addressed to the Commissioner of Patents and
Trademarks, Washington, D.C. 20231.

Mary Jane DiPalma
Mary Jane DiPalma

ASSIGNMENT

For valuable consideration, we, Gabriel Fenteany, of Cambridge, Massachusetts; Timothy F. Jamison of Cambridge, Massachusetts; Robert F. Standaert of Arlington, Massachusetts; hereby assign to PRESIDENT AND FELLOWS OF HARVARD COLLEGE, a CHARITABLE corporation having a place of business at 17 Quincy Street, Cambridge, Massachusetts 02139, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Serial No. 08/421,583, filed April 12, 1995, entitled

LACTACYSTIN ANALOGS

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA,
this 13th day of June, 1995
Gabriel Fenteany G. Fenteany
First Middle Initial Last L.S.

STATE OF Massachusetts:
:SS.

COUNTY OF MIDDLESEX:

Before me this 13 day of JUNE, 1995 personally appeared GABRIEL FENTEANY known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

George F. Fenteany
Notary Public ✓

My Commission Expires:

[Notary's Seal Here]

My Commission Expires May 11, 2001

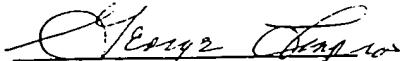
IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA
this 5th day of JUNE, 1995
Timothy J. Amison
First Middle Initial Last

L.S.

STATE OF Massachusetts :
:SS.

COUNTY OF MIDDLESEX :

Before me this 13 day of JUNE, 1995 personally appeared Timothy J. Amison known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Notary Public

My Commission Expires:

[Notary's Seal Here]

My Commission Expires May 11, 2001

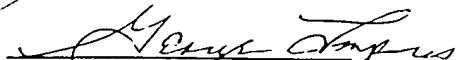
IN WITNESS WHEREOF, I hereto set my hand and seal at CAMBRIDGE, MA
this 12th day of JUNE, 1995
Robert F. Standard
First Middle Initial Last

L.S.

STATE OF Massachusetts :
:SS.

COUNTY OF MIDDLESEX :

Before me this 12 day of JUNE, 1995 personally appeared Robert F. Standard known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Notary Public

My Commission Expires:

[Notary's Seal Here]

My Commission Expires May 11, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 102.603.203)

In re Application of: Stuart L. Schrieber et al.

Serial No.: 08/945,092

Filing Date: January 26, 1997

Title: LACTACYSTIN ANALOGS

Examiner: R. Travers

Art Unit: 1614

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

REVOCATION AND CREATION OF POWER OF ATTORNEY

Hon. Assistant Commissioner for Patents:

I, Joyce Brinton, hereby certify that I am authorized to act on behalf of President and Fellows of Harvard College, having a principal place of business located at the Office of Patents, Copyrights, & Licensing, Holyoke Center, Suite 727, 1350 Massachusetts Avenue, Cambridge MA 02138, in matters before the United States Patent and Trademark Office. I further certify that the Assignment documents for the above-identified patent application have been reviewed and that to the best knowledge and belief of the President and Fellows of Harvard College, title in such patent application is in the name of the President and Fellows of Harvard College. The Assignments to the President and Fellows of Harvard College for the above-identified patent application were recorded with the United States Patent and Trademark Office on July 17, 1995 at reel/frame 7618/0772 and at reel/frame 7618/0785 in the parent application, U.S.S.N. 08/421,583, to which this patent is a continuation-in-part of.

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Henry N. Wixon	Reg. No. 32,073
Donald R. Steinberg	Reg. No. 37,241
Wayne A. Keown, Ph.D.	Reg. No. 33,923
Ann-Louise Kerner, Ph.D.	Reg. No. 33,523
Michael A. Diener	Reg. No. 31,122
Colleen Superko	Reg. No. 39,850
Simona A. Levi-Minzi, Ph.D.	Reg. No. P 43,750
Richard Goldenberg	Reg. No. 38,895
Gretchen A. Rice, Ph.D.	Reg. No. 37,429
Peter Dichiara	Reg. No. 38,005
Scott M. Alter	Reg. No. 32,879
Edward Grieff	Reg. No. 38,898
Jason A. Reyes	Reg. No. 41,513
Keum J. Park	Reg. No. 42,059
Janice M. Klunder, Ph.D.	Reg. No. 41,121
Rajesh Vallabh	Reg. No. 35,761
Nancy Chiu	Reg. No. P 43,545

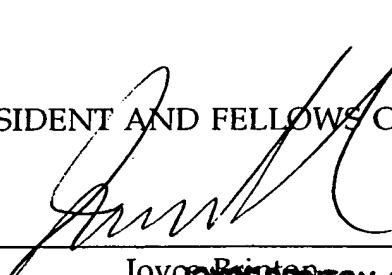
the mailing address and telephone number of each of whom is HALE AND DORR LLP, 60 State Street, Boston, Massachusetts 02109, (617) 526-6000, with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith

All correspondence should be sent to the attention of:

Wayne XXXXXXXXXX XXXX Hollie L. Baker, Esq.
 Hale and Dorr LLP
 60 State Street
 Boston, MA 02109
 Telephone No.: (617) 526-6000
 Facsimile No.: (617) 526-5000

PRESIDENT AND FELLOWS OF HARVARD COLLEGE

By _____


 Joyce Branton
 OFFICE OF TECHNOLOGY & TRADEMARK LICENSING
 HARVARD UNIVERSITY

Date: 3/17/99